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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Mohammed Javed Absar et al.

Application No.

09/830,441

Filed

June 11, 2001

For

MULTI-PRECISION TECHNIQUE FOR DIGITAL AUDIO

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Art Unit

Docket No.

2121

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851663.424USPC

Date

February 21, 2002

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PRELIMINARY AMENDMENT

Commissioner for Patents:

Please amend the above-identified application as follows:

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In the Claims:

Please amend claims 1, 10, 12, and 15-21 to read as follows. Please add new claims 23-26 to read as follows. All claims are included herein for the Examiner's convenience.



1. (Amended) A method for coding digital audio data, comprising a transform encoding process implemented on a fixed point digital signal processor having multiple levels of computation precision, wherein the transform encoding process includes a plurality of computation stages involving arithmetic operations in transforming the digital audio data into coded audio data, and wherein different ones of the computation stages utilize different preselected levels of computational precision, wherein the transform encoding process is in accordance with AC-3 Digital Audio Compression Standard.